

ABSTRACT.

ANTI-NEOPLASTIC VIRAL AGENTS.

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A viral DNA construct, and virus encoded thereby, is provided having one or more tumor specific transcription factor binding sites in place of one or more wild type transcription factor binding sites operatively positioned in the promoter region which controls expression of E1A open reading frame in the presence of said selected
10 transcription factor, wherein the level or activity of the transcription factor is increased in a human or animal tumor cell relative to that of a normal human or animal cell of the same type; and wherein the viral DNA construct further comprises a therapeutic gene. Compositions and constructs contained therein are provided, particularly for use in therapy. Methods of treating patients for neoplasms are also
15 provided.